



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,677	03/09/2004	Michael James Andre	ITT-552-A	2629
22825	7590	05/19/2005	EXAMINER	
WILLIAM M HANLON, JR			HEWITT, JAMES M	
YOUNG & BASILE, PC			ART UNIT	PAPER NUMBER
3001 WEST BIG BEAVER ROAD				
SUITE 624			3679	
TROY, MI 48084-3107			DATE MAILED: 05/19/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/796,677	ANDRE, MICHAEL JAMES	
Examiner	Art Unit		
James M Hewitt	3679		

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 3/9/04, 9/15/04 and 11/3/04.  
2a)  This action is **FINAL**.                            2b)  This action is non-final.  
3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-9 is/are pending in the application.  
    4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) \_\_\_\_\_ is/are rejected.

7)  Claim(s) 1-9 is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on 03 November 2004 is/are: a)  accepted or b)  objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3/9/04 and 9/15/04.

4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_ .  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_ .

**DETAILED ACTION*****Drawings***

The drawings are objected to because: (1) the drawing sheets are not labeled "Replacement Sheet" in the top margin; (2) Numerals 125 and 127 do not reference the transversely opening apertures; (3) in Figure 1, one of the numerals 122 should instead be 124; (4) in Figure 1, numeral 120 clearly does not reference the first aperture as recited in the specification; (5) in Figures 1, 2 and 3, should the first housing be capped, especially since it is claimed to have a through bore and adapted to be fluidically coupled to a first fluid operative element? (6) in Figure 1, numeral 150 references one of the locking fingers instead of one of the legs; (7) in Figures 1 and 3, numeral 152 references one of the locking fingers instead of one of the legs. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted

after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 100, 102, 124. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

\*\*\*In view of the number of errors in the drawings, Applicant is urged to carefully review the drawings for errors, informalities, inconsistencies, etc.

### ***Specification***

The disclosure is objected to because of the following informalities:

In paragraph [0022] line 2, "106" should be deleted.

In paragraph [0022] line 6, "one side edge of each of" should be replaced with "side edges".

In paragraph [0022] line 7, "and 124" should be inserted after "122".

In paragraph [0028] line 3, "5,456,600" seems incorrect.

In paragraph [0029] line 2, the notches are said to be not shown.

However, at least in Figure 1 one notch (126) is shown.

\*\*\*Applicant is urged to carefully review and edit the specification in its entirety for errors, informalities, inconsistencies, etc.

Appropriate correction is required.

### ***Claim Objections***

Claims 1-9 are objected to because of the following informalities:

In claim 1 line 1, "The" should be replaced with "A".

In claim 1 line 12, "of the first housing" should be inserted after "first end".

In claim 1 line 16, "recess" should be "recesses".

In claim 1 line 17, "projection" should be "projections".

In claim 1 line 18, "relative" should be deleted.

In claim 1 line 22, "collar" should be "collars".

In claim 4, stating that the collar is a plurality of discrete collars is redundant and creates confusion. A collar is already said to be formed on each of the plurality of latch fingers.

In claim 6 line 3, "the transverse bore" lacks antecedent basis.

In claim 7 line 4, "the latched position" lacks antecedent basis.

In claim 9 line 4, "finger" should be "fingers".

Appropriate correction is required.

### ***Allowable Subject Matter***

Claims 1-9 would be allowable if rewritten to overcome the above-noted objections (see ***Claim Objections***) above.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

This application is in condition for allowance except for the above formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James M Hewitt whose telephone number is 571-272-7084.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Stodola can be reached on 571-272-7087. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*J M H*  
**JAMES M. HEWITT**  
**PRIMARY EXAMINER**